

Shevekhman, B. E.
SOUND DISCRIMINATION BY THE DEAFMUTE
CHILD PRACTICALLY DEPRIVED OF ALL HEARING
(Analiz Zvuka Glukhonemym Rebenkom Prakticheskii Lishennym Slukha). [1961] 7p. 10 refs.
Order from OTS or SLA \$1.10 62-15318

Trans. of Akademiya Nauk SSSR. Fiziologicheskii Institut, Trudy, 1949, v. 4, p. 113-116.

DESCRIPTORS: *Children, *Deafness, *Pitch discrimination, *Speech disorders, Hearing.

Deafmute children with practically no hearing possess the ability to analyze sound stimuli perceived for the first time. This ability is demonstrated clearly when, with the assistance of appropriate aids, such children are exposed to speech stimuli within the limits of their hearing range. (Author) (Biological Sciences--Physiology, TT, v. 8, no. 2)

I. Shevekhman, B. E.

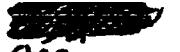
Office of Technical Services

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(FDD 21537)

Study of the Higher Nervous Activity by the
Chain Stimuli Method, Fourth Report:
Modification of the Signal Role of Chain
Stimuli, by V. K. Grasuskiy, 14 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni
I. P. Pavlova, Voprosy Fiziologii i Patologii
Urochishchou Nauchnoy Deyatelnosti. Moscow/Lenin-

grad, 1952, pp 43-49.

 CIA/FDD/U-6412

USSR
Sci - Medicine

18,200

(FDD 21538)

Study of the Higher Nervous Activity by the Chain
Stimuli Method, Fifth Report: Conditioned Re-
sponses to Chains of Stimuli With Regrouping of
Components, by V. K. Krasuskiy, 23 pp.

RUSSIAN, bk, Trudy Instituta Fisiologii imeni
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Vyshej Nervnov Deiatel'nosti. Moscow/Leningrad.

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Conditioned Motor Reflexes to Time in Apes,
by O. P. Bolotina, 17 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni
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Vysshoy Nervnoy Deyatel'nosti, Moscow/Lenin-

(FDD 21540)

Electric Reaction of the Auditory Area of the Cerebral Hemispheres During the Formation of a Conditioned Defense Reflex, by V. V. Artem'ev, ~~Murzin~~ N. I. Bezlsdnova, 18 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni I. P. Pavlova, Voprosy Fiziologii i Patologii Vysshey Nervnoy Deyatel'nosti, Moscow/Lenin-grad, 1952, pp 223-236.

CIA/FDD/U-6408

USSR
Sci - Medicine

18/206

(FDD 21541)

Electric Reaction of the Auditory Area of the
Cortex of the Hemispheres to a Sound Stimulus
During Inhibition, by V. V. Artem'yev, 11 pp.

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RUSSIAN, ,bk, Trudy Instituta Fiziologii imeni
I. P. Pavlova Voprosy Fiziologii i Patologii
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Experimental Study of Pharmacological Agents in Sleep Therapy. Report I.
Sleep-Inducing Effect of Barbamyl,
Hedonal, Narcolan, Chloral Hydrate, Ethyl
Alcohol and the Combination of any Two
of These Drugs, by N. S. Sofronov.
RUSSIAN, per, Tr Inst Fiziol Pavlov,
Vol 1, 1952, pp 243-250.
NIH 3-52-65 (Loan)

Sci-Biol & Med Sci
May 65

(FDD 24265)

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Sofronov, 97 pp.

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Pavlova, No 1, Moscow/Leningrad, 1952, pp 243-258,
290-338, 345-355.

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in Children of Early Age, by M. M. Kol'tsova,
11 pp.

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Sci - Medicine

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(FDD 21542)

Effect of Low-Frequency Electromagnetic Field on
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(FDD 26168)

Selected Articles on the Physiology and Pathology of
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SCI - Medicine, physiology, pathology

ME 56 CMS/DEM

(FDD 26469)

Selected Articles on Physiology and Pathology of
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Sporanskaya, 101 pp.

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Vol III, Moscow/Leningrad, 1954, pp 547-564, 576-599,
607-617.

CIA/FDD U-8749

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Sci - Medicine, physiology, pathology

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Vol IV, 1955, pp 5-16.

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(39a. 0d.) 102, 510

Sci - ~~Phys~~ Biol, Med, physiolgy
Dec 59

Study of the Reflex of Milk Ejection in Goats With
the Aid of Localized Cooling of the Spinal Cord,
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Sci - Phys

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Feb 60

Normal Regulation of the Tonus of the Walls
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Vascular Pressure, by M. G. Zelen. U.S.S.R.

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Pavlova, Vol IV, 1955, pp 34-50.

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[REDACTED] (L2. 2s. 6d.)

Sci - Phys
Feb 60

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Sensitivity of the Musculature of Ducts, Cistern
and the Teat Sphincter of a Cow's Udder to
Nervous Stimuli and Pituitrin, by G. B. Tverskoy.
URSS.

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DSIR LRU RPS 1246

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Sci - Med, Biol, physiology
Mar 60

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Study of the Functioning of the Ejection Mechanism in the Living Mammary Gland of a White Mouse, by E. S. Levitskaya. UNCL

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Vol IV, No 4, 1955, pp 58-62.

NLL RTS 201
DSIR LRU RPS 1247

(10m. OIL.)

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Sci - Biol
Apr 60

Effect of the Nervous System on Secretion and
Ejection of Milk in the White Mouse, by I. N.
Zotikova. UZCL

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The Role of Pressure Fluctuations in the Cavity System of the Udder in the Stimulation of Milk Secretion, by G. B. Tverskoy.

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DSIR LLU WJS 1249

Sci - Biol

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The Rate of Milk Secretion, by G. B. Tverakoy,
Kh. Dyusembin.

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Sci - Biol

Sep 60

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On the Excitation of Atoms of Alkali Metals, by V. Ogykhtin, L. Vainshtein, L. Presnyakov.
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Institut Fiziologii. Trudy, Rept. nA-53,
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SLA N66-10450

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Sci - Physics
Jul 67

Distribution of Fat and Casein in Consecutive Portions of Milk During a Single Milking of Cows,
by V. W. Borsuk, M. G. Zaks.

RUSSIAN, per, Trudy Instituta Fiziolog imeni
I. P. Pavlova, Vol IV, 1955, pp 81-92.

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Oct 60

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<p>Marchuk, P. M. OBSERVATIONS ON THE WORKING OF A DIODE WITH A TUNGSTEN CATHODE IN VAPORS OF CESIUM AT LOW PRESSURE. [1962] 20p. Order from K-H \$25.00 K-H 10115</p> <p>Trans. of [Akademiya Nauk SRSR, Kiev. Instytut Fizyky. Trudy, 1956, v. 7, p. 3-16]. Another trans. is available from LC and SLA m\$2.40, ph\$3.30 as 60-18883 [1960] 13p.</p> <p>DESCRIPTORS: *Diodes, *Cathodes (Electron tubes) Filaments, *Cesium, Vapors, *Tungsten, Electron tubes, *Magnetic fields.</p> <p>For abstract see Technical Translation 5: 75, 1961.</p> <p>(Engineering--Electronic, TT, v. 8, no. 5)</p>	<p>62-17510</p> <p>I. Marchuk, P. M. II. K-H-10115 III. Kresge-Hooker Science Library Associates, Detroit, Mich.</p> <p>Office of Technical Services</p>
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Borsuk, V. N. and Zaks, M. G.
CHARACTERISTICS OF THE PRODUCTION OF
BUTTERFAT IN COWS GIVING MILK OF DIFFER-
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Molochnogo Zhira u Korov s Razlichnym Urovнем
Zhirnomolochnosti). Jan 61 [14]p. 8 refs. RTS 1252.
Order from LC or SLA mi\$2.40, ph\$3.30 61-15646

Trans. of [Akademiya Nauk SSSR], Institut Fiziologii
Trudy, 1955, v. 4, p. 93-102.

(Agriculture--Animal Husbandry, TT, v. 5, no. 8)

61-15646

1. Milk fat--Physiological factors
2. Milk--Secretion
- I. Borsuk, V. N.
- II. Zaks, M. G.
- III. RTS-1252
- IV. Department of Scientific and Industrial Research (Gr. Brit.)

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Office of Technical Services

<p>Suleymanova, D. N. EFFECT OF THE THYROID GLAND ON LACTATION (Vliyanije Shchitovidnoy Zhelezы na Laktatsiyu). Nov 60 [9]p. 2 refs. RTS 1253. Order from LC or SLA m\$1.80, ph\$1.80 61-15218 Trans. of [Akademiya Nauk SSSR]. Institut Fiziologii. Trudy, 1955, v. 4, p. 103-108.</p> <p>148,729</p> <p>(Agriculture--Animal Husbandry, TT, v. 5, no. 7)</p>	<p>61-15218</p> <p>1. Thyroid hormones-- Physiological effects 2. Milk--Secretion I. Suleymanova, D. N. II. RTS-1253 III. Department of Scientific and Industrial Research (Gr. Brit.)</p> <p>Office of Technical Services</p>
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Kokorina, Ye. P.

STUDY OF THE EFFECT OF THE HORMONE OF THE THYROID GLAND ON PHYSICAL AND CHEMICAL PROPERTIES OF BUTTERFAT. PART I. EFFECT OF EXPERIMENTAL HYPER- AND HYPO-THYROIDISM ON THE SYNTHESIS OF BUTTERFAT (K Analizu Vliyaniiya Gormona Sichitovidnoy Zhlezny na Fiziko-Khimicheskiye Svoystva Molochnogo Zhira. Soobshcheniye I. Vliyaniiye Eksperimental'nogo Giper- i Gipotireozza na Prosesсы Sintezu Molochnogo Zhira). Dec 60 [1958]. 9 refs. RTS 1254.

Order from LC or SLA c. \$2.40, ph\$3.30 61-15244

Trans. of [Akademiya Nauk SSSR]. Institut Fiziologii. Trudy, 1955, v. 4, p. 109-122.

(Food, TT, v. 5, no. 7)

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2. Milk fat--Physiological factors
- I. Kokorina, Ye. P.
- II. Title: Effect...
- III. RTS-1254
- IV. Department of Scientific and Industrial Research (Gr. Brit.)

148,734

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Kokorina, Ye. P.
STUDY OF THE EFFECT OF THE HORMONE OF
THE THYROID GLAND ON PHYSICAL AND CHEMI-
CAL PROPERTIES OF BUTTER-FAT. PART II.
EFFECT OF AIR TEMPERATURE AND PHYSICAL
STRESS ON PHYSICAL AND CHEMICAL PROPER-
TIES OF BUTTER-FAT (K Analizu Vliyaniya
Hormona Shchitovidnoy Zhelezny na Fiziko-
khimicheskiye Svoystva Molochnogo Zhira. Soobsh-
cheniye II. Vliyaniye Temperatury Vozdukh i
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RTS 1-255.
Order from LC or SLA mi\$2.40, ph\$3.30 61-15739

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(Food, TT, v. 5, no. 7)

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2. Thyroid hormones-- Biochemical effects
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- II. RTS-1255
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Anatomical and Histological Study of the Innervation
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G. N. Pavlov.

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Vol IV, 1955, pp 136-144.

NLL RES 1257

Sci - Biol

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Jan 62

<p>Borsuk, V. N. EXCRETION OF POTASSIUM, SODIUM AND CHLORINE BY THE KIDNEYS OF LACTATING COWS AND GOATS (K Voprosu o Vodno-Solevom Obmene u Laktiruyushchikh Korov i Koz. Soobshcheniya III. Vyvedeniye Kaliya i Natriya v Svyazi s Vyvedeniyem Khlorov Pochkami Laktiruyushchikh Korov i Koz). Pt. 3 of Problem of Water and Salt Metabolism in Lactating Cows and Goats. Mar 61 [6]p. 1 ref. RTS 1258. Order from LC or SLA m\$1.00, ph\$1.00 61-19101 <i>Trans. of [Akademiya Nauk SSSR], Institut Fiziologii Trudy, 1955, v. 4, p. 213-216.</i></p> <p>152(42)</p> <p>(Biological Sciences--Physiology, TT, v. 5, no. 9)</p>	<p>61-19101</p> <p>I. Kidneys--Physiology 2. Milk--Secretion 3. Alkali metals--Metabolism 4. Chlorine--Metabolism I. Borsuk, V. N. II. Title: Problem... III. RTS-1258 IV. Department of Scientific and Industrial Research (Gr. Brit.)</p> <p>Office of Technical Services</p>
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APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300880036-0

APPROVED FOR RELEASE: Thursday, December 13, 2001

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The Effect of the Depth of Sleep on the Functional Ability of the Cerebral Cortex, by M. M. Suslova,
13 pp.

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Changes of Higher Nervous Activity in Hypnosis With
Verbal Exclusion of the Conditioning Stimulus, by
I. I. Korotkin, M. M. Suslova, 17 pp.

RUSSIAN, irreg per, Trudy Instituta Fiziologii imeni
I. P. Pavlova, Voprosy Fiziologii i Patologii Vysshey
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With Verbal Exclusion of the Unconditioned Stimulus,
by I. I. Korotkin, M. M. Suslova, 21 pp.

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I. P. Pavlova, Voprosy Fiziologii i Patologii vyschey
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pp 288-298.

Complex Method of Studying the Functions
of Man's Taste Analyzer, by A. I. Vasil'yev,
17 pp.
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SSSR, No 6, 1957, pp 172-182. P100060366
FTD-TT-65-1915

Sci - Math Sci
Oct 66

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(2154-E)

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JPRS L-646-N

Sci - Med
Mar 59

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Conditioned Reflex Activity in Dogs, by
T. M. Kucherenko, 7 pp.

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I. P. Pavlova, Vol VIII, 1959, pp:421-425.

NIH 2-36-64 (Loan)
OTS 77-64-13751

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Various Doses of Quetal (Noctal), by N. S. Sofronov,
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RUSSIAN, per, Trudy Instituta Fiziologii imeni
I. P. Pavlova, Vol VIII, 1959, pp 426-432.

NIH 2-48-64 (Loan)

Sci - Biol & Med
Apr 64

Changes in the Higher Nervous Activity in Dogs
During Chronic Administration of Barbamyl, 12 pp.

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NII 2-47-64 (Loan)
OTS TT-64-13634.

Sci - Biol & Med
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On the Treatment of Patients With Presenile
Psychosis, by Yu. G. Kozlov, 5 pp.

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NIH 12-40-63 (Loan)

Sci - Biol & Med
Feb 64

Baranov, M. N.
THE METABOLISM OF CERTAIN PHOSPHORIC
COMPOUNDS IN VARIOUS LAYERS OF THE BRAIN.
[1962] [14]p. 6 refs.
Order from OTS or SLA \$1.60

62-14731

Trans. of Akademiya Nauk SSSR. [Institut Fiziologii.
Trudy] 1959, v. 8, p. 501-508.

DESCRIPTORS: *Metabolism, *Phosphorus compounds,
*Brain, Cerebral cortex, Nerves, Cells (Biology).

In all areas of the cerebral cortex and cerebellum of
rats a drop was observed in content and in the specific
activity of macroergic compounds in proportion to
distance from the surface of the brain. The layers
of the cerebral cortex and the cortex of the cerebellum
which are composed to a great extent of nerve cells
structurally, differ from other layers with respect to
(Biological Sciences--Biochemistry, TT v. 8, no. 8)
(over)

62-14731

I. Baranov, M. N.

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Vladimirov, G. E.

THE REFLECTION OF ENERGY AND PLASTIC
METABOLISM IN THE RENEWAL OF BIOCHEMICAL
SUBSTRATE OF THE NERVOUS TISSUES. [1963]

10p. 10 refs.

Order from OTS or SLA \$1.10 63-16457

Trans. of Akademiya Nauk SSSR, Institut Fiziologii,
Trudy, 1959, v. 8, p. 526-531.

DESCRIPTORS: Energy, Metabolism, Brain, *Tissues
(Biology), *Tracer studies, *Cytochemistry,
Biosynthesis.

By means of radioactive isotopes the rate of renewal
(restoration or renovation) of a large number of
chemical components of brain tissue was determined:
the amino acid structure of proteins and glutathione,
glucose residues of glycogen, the phosphate groups of
(Biological Sciences--Biochemistry, TT, v. 10, no. 8)
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63-16457

I. Vladimirov, G. E.

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Problems of Physiology and Pathology of the
Nervous System, by K. M. Bykov, Ye. Sh. Ayrapel'yants.

TRANSLATED RUSSIAN, per, Trudy Inst Fiziol Imeni
I. P. Pavlova, Vol VIII, 1959, 631 pp.

*FTD-TT-63-651

Sci - Biol/Med Sci

Jun63

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Vol IX, 1960, 539 pp.

*PL-480
OTS 63-11172

Jan 63
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Vol X, 1962, 8 406 pp.

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OTS 63-11173

Sci

Jan 63

Yield of Radioluminescence of Organic Matters,
by Z. A. Chizhikova, 73 pp.

RUSSIAN, per, Trudy Fiz Institut Akad Nauk SSSR,
imeni P. N. Lebedeva, No 15, 1961, pp 178-229.

AEC-TR-5377

Sci - Phys

Jun 63

Calculation of Wave Functions and Oscillator Strengths
of Complex Atoms, by L. A. Vainshtein. Part 1

RUSSIAN, bk, Trudy Ak Nauk SSSR, Fiz Inst, Vol XV,
1961.

CB

Sci - Phys

Jun 62

200, 973

On the Broadening and Shift of Spectra Lines in the
Plasma of a Gaseous Discharge, by M. A. Mazing.
Part 2

RUSSIAN, bk, Trudy Ak Nauk SSSR, Fiz Inst, Vol XV,
1961.

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Sci - Phys

Jun 62

200, 974

On Spectral Excitation in a Spark Discharge, by
N. K. Sukhodrev. Part 3

RUSSIAN, bk, Trudy Ak Nauk SSSR, Fiz Inst, Vol XV,
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The Development of Transmarginal
Inhibition With Increasing Cortical
Excitability Under the Effect of
Phenamine, by L. O. Zeval'd.
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1957, pp 254-259.
NIH 11-78-64
(Loan)

Sci-B&M
Aug 65 286,209

Study Of the Electro-chemical Corrosion Of Magnesium
by N.D.Tomashov and others.

RUSSIAN, per, Trudy Akademii Nauk S.S.R.
Institut Fizicheskoi Khimii, Vol IV, 1955,
pp 172-197.

CSIRO

Oct. 62

Concerning the Question of Methods of Reducing
the Grain Size of Cast Alloy Steel by Thermal
Treatment by V. D. Sadovskii
RUSSIAN, per, Tr. Inst. Fiz. Metallov. Uralsk
Vil. AN SSSR, No 17, 1956, pp 3-19.
ELL Ref: 5207 (1256)

Sci-Mechanical
July 68

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DESCRIPTORS: Physiology, Brain, Cerebral cortex, *Nervous system, *Conditioned reflex, *Motor reactions, *Mental diseases, *Neuroses, *Caffeine, *Hypnosis, *Electroencephalography, *Bioelectronics, *Neuromuscular transmission, Hypertension, Primates (Biological Sciences--Physiology, TT, v. 10, no. 8)

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DESCRIPTORS: *Mutations, *X rays, Mitosis,
Genetics, *Radiation effects, Spermatogenesis, Eyes,
*Chromosomes, Drosophila.

The present paper describes a case of simultaneous
origination of two different allelomorphs of a lozenge
gene, in two halves of a split X-chromosome of a
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(Biological Sciences--Zoology, TT, v. 7, no. 10)

61-11475

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CIA 7087757

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